

Kaufman

1646

#19
P4
3.28.00

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/157,289DDATE: 03/07/2000
TIME: 16:55:19

Input Set: I157289D.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

P.S

ENTERED

FC 1600 MAIL ROOM

MAR 20 2000

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1 <110> APPLICANT: ASHKENAZI, AVI J
2 BOTSTEIN, DAVID
3 DODGE, KELLY H.
4 GURNEY, AUSTIN L.
5 KIM, KYUNG JIN
6 LAWRENCE, DAVID A.
7 PITTI, ROBERT
8 ROY, MARGARET A
9 TUMAS, DANIEL B
10 WOOD, WILLIAM I.
11 <120> TITLE OF INVENTION: Dcr3 Polypeptide, A TNFR Homolog
12 <130> FILE REFERENCE: P1134R2
13 <140> CURRENT APPLICATION NUMBER: US/09/157,289D
14 <141> CURRENT FILING DATE: 1998-09-18
15 <150> EARLIER APPLICATION NUMBER: US 60/059,288
16 <151> EARLIER FILING DATE: 1997-09-18
17 <150> EARLIER APPLICATION NUMBER: US 60/094,640
18 <151> EARLIER FILING DATE: 1998-07-30
19 <160> NUMBER OF SEQ ID NOS: 16
20 <210> SEQ ID NO 1
21 <211> LENGTH: 300
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
25 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val
26 1 5 10 15
27 Leu Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val
28 20 25 30
29 Ala Glu Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu
30 35 40 45
31 Arg Leu Val Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg
32 50 55 60
33 Pro Cys Arg Arg Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro
34 65 70 75
35 Arg His Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr
36 80 85 90
37 Cys Asn Val Leu Cys Gly Glu Arg Glu Glu Glu Ala Arg Ala Cys
38 95 100 105
39 His Ala Thr His Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe
40 110 115 120
41 Ala His Ala Gly Phe Cys Leu Glu His Ala Ser Cys Pro Pro Gly
42 125 130 135
43 Ala Gly Val Ile Ala Pro Gly Thr Pro Ser Gln Asn Thr Gln Cys
44 140 145 150

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45	Gln	Pro	Cys	Pro	Pro	Gly	Thr	Phe	Ser	Ala	Ser	Ser	Ser	Ser	Ser
46					155					160					165
47	Glu	Gln	Cys	Gln	Pro	His	Arg	Asn	Cys	Thr	Ala	Leu	Gly	Leu	Ala
48					170					175					180
49	Leu	Asn	Val	Pro	Gly	Ser	Ser	Ser	His	Asp	Thr	Leu	Cys	Thr	Ser
50					185					190					195
51	Cys	Thr	Gly	Phe	Pro	Leu	Ser	Thr	Arg	Val	Pro	Gly	Ala	Glu	Glu
52					200					205					210
53	Cys	Glu	Arg	Ala	Val	Ile	Asp	Phe	Val	Ala	Phe	Gln	Asp	Ile	Ser
54					215					220					225
55	Ile	Lys	Arg	Leu	Gln	Arg	Leu	Leu	Gln	Ala	Leu	Glu	Ala	Pro	Glu
56					230					235					240
57	Gly	Trp	Gly	Pro	Thr	Pro	Arg	Ala	Gly	Arg	Ala	Ala	Leu	Gln	Leu
58					245					250					255
59	Lys	Leu	Arg	Arg	Arg	Leu	Thr	Glu	Leu	Leu	Gly	Ala	Gln	Asp	Gly
60					260					265					270
61	Ala	Leu	Leu	Val	Arg	Leu	Leu	Gln	Ala	Leu	Arg	Val	Ala	Arg	Met
62					275					280					285
63	Pro	Gly	Leu	Glu	Arg	Ser	Val	Arg	Glu	Arg	Phe	Leu	Pro	Val	His
64					290					295					300

65 <210> SEQ ID NO 2
66 <211> LENGTH: 1114
67 <212> TYPE: DNA
68 <213> ORGANISM: Homo sapiens
69 <220> FEATURE:
70 <221> NAME/KEY: Unsure
71 <222> LOCATION: 1090
72 <223> OTHER INFORMATION: Unknown base
73 <400> SEQUENCE: 2

74	tccgcaggcg	gaccgggggc	aaaggaggtg	gcatgtcggg	caggcacagc	50
75	agggtcctgt	gtccgcgctg	agccgcgctc	tccctgtctc	agcaaggacc	100
76	atgagggcgc	tggagggggc	aggcctgtcg	ctgctgtgcc	tgggtgtggc	150
77	gctgcctgcc	ctgctgcccg	tgccggctgt	acgcggagtg	gcagaaacac	200
78	ccacctaccc	ctggcgggac	gcagagacag	gggagcggct	ggtgtgcgcc	250
79	cagtgcctcc	caggcacctt	tgtgcagcgg	ccgtgccgcc	gagacagccc	300
80	cacgacgtgt	ggcccgtgtc	caccgcgcca	ctacacgcag	ttctggaact	350
81	acctggagcg	ctgccgctac	tgcaacgtcc	tctgcgggga	gcgtgaggag	400
82	gaggcacggg	cttgccacgc	caccacaac	cgtgcctgcc	gctgccgcac	450
83	cggcttcttc	gcgcacgctg	gtttctgtct	ggagcacgca	tcgtgtccac	500
84	ctgggtgccg	cgtgattgcc	ccgggcaccc	ccagccagaa	cacgcagtgc	550
85	cagcctgtcc	ccccaggcac	cttctcagcc	agcagctcca	gctcagagca	600
86	gtgccagccc	caccgcaact	gcacggccct	gggcctggcc	ctcaatgtgc	650
87	caggctcttc	ctcccatgac	acctgtgca	ccagctgcac	tggcttcccc	700
88	ctcagcacca	gggtaccagg	agctgaggag	tgtgagcgtg	ccgtcatcga	750
89	ctttgtggct	ttccaggaca	tctccatcaa	gaggctgcag	cggctgtctg	800
90	aggccctcga	ggccccggag	ggctgggggt	cgacaccaag	ggcggggccg	850
91	gcggccttgc	agctgaagct	gcgtcggcgg	ctcacggagc	tcctgggggg	900
92	gcaggacggg	gcgtgtctgg	tgcggctgct	gcaggcgctg	cgcgtggcca	950
93	ggatgcccg	gctggagcgg	agcgtccgtg	agcgttcct	ccctgtgcac	1000
94	tgatcctggc	cccctcttat	ttattctaca	tccttggcac	cccacttgca	1050

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/157,289D

DATE: 03/07/2000
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Input Set: I157289D.RAW

W--> 95 ctgaaagagg cttttttttta aatagaagaa atgaggtttn ttaaaaaaaa 1100
 96 aaaaaaaaaa aaaa 1114
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 98 <211> LENGTH: 491
 99 <212> TYPE: DNA
 100 <213> ORGANISM: Unknown
 101 <220> FEATURE:
 102 <221> NAME/KEY: Unsure
 103 <222> LOCATION: 1-491
 104 <223> OTHER INFORMATION: Organism - unknown
 105 <220> FEATURE:
 106 <221> NAME/KEY: Unsure
 107 <222> LOCATION: 62, 73, 86, 98
 108 <223> OTHER INFORMATION: Unknown base
 109 <400> SEQUENCE: 3
 W--> 110 gccgagacag ccgcacgacg tgtggcccgt gtccaccgcg ccactacacg 50
 111 cagttctgga antaactgga gcnctgccgc tactgnaacg tcctctgngg 100
 112 ggagcgtgag gaggaggcac gggcttgcca cgccaccac aaccgtgcct 150
 113 gccgctgccg caccggcttc ttgcgcacg ctggtttctg cttgggagcac 200
 114 gcatcgtgtc cacctgggtgc cggcgtgatt gccccgggca cccccagcca 250
 115 gaacacgcag tgcctagccg tgccccccag gcaccttctc agccagcagc 300
 116 tccagctcag agcagtgccg gccccaccgc aactgcacgg ccctgggcct 350
 117 ggccctcaat gtgccaggct cttcctccca tgacaccctg tgcaccagct 400
 118 gcactggctt cccctcagc accagggtac caggagctga ggagtgtgag 450
 119 cgtgccgtca tcgactttgt ggctttccag gacatctcca t 491
 120 <210> SEQ ID NO 4
 121 <211> LENGTH: 73
 122 <212> TYPE: DNA
 123 <213> ORGANISM: Unknown
 124 <220> FEATURE:
 125 <221> NAME/KEY: Unsure
 126 <222> LOCATION: 1-73
 127 <223> OTHER INFORMATION: Organism - Unknown
 128 <400> SEQUENCE: 4
 129 gccgagacag cccacgacg tgtggcccgt gtccaccgcg ccactacacg 50
 130 cattctggaa ctacctggag cgc 73
 131 <210> SEQ ID NO 5
 132 <211> LENGTH: 271
 133 <212> TYPE: DNA
 134 <213> ORGANISM: Unknown
 135 <220> FEATURE:
 136 <221> NAME/KEY: Unsure
 137 <222> LOCATION: 1-271
 138 <223> OTHER INFORMATION: Organism - Unknown
 139 <220> FEATURE:
 140 <221> NAME/KEY: Unsure
 141 <222> LOCATION: 42, 62, 73, 86, 98, 106, 120, 122, 153, 167, 184, 220, 233
 142 <223> OTHER INFORMATION: Unknown base
 143 <400> SEQUENCE: 5
 W--> 144 gccgagacag ccccacgacg tgtggcccgt gtccaccgcg cnactacacg 50

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/157,289D

DATE: 03/07/2000

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Input Set: I157289D.RAW

W--> 145 cagttctgga antaactgga gcnctgccgc tactgnaacg tcctctgngg 100
 W 146 ggagcntgag gaggaggcan gngcttgcca cgccaccac aaccgcgct 150
 W 147 gcnctgcag caccgnttc ttgcgcacg ctgntttctg cttggagcac 200
 W 148 gcacgtgtc cacctggtgn cggcgtgatt gcnccgggca cccccagcca 250
 149 gaacacgcat gcaaagccgt g 271
 150 <210> SEQ ID NO 6
 151 <211> LENGTH: 201
 152 <212> TYPE: DNA
 153 <213> ORGANISM: Unknown
 154 <220> FEATURE:
 155 <221> NAME/KEY: Unsure
 156 <222> LOCATION: 1-201
 157 <223> OTHER INFORMATION: Organism - Unknown
 158 <220> FEATURE:
 159 <221> NAME/KEY: Unsure
 160 <222> LOCATION: 182
 161 <223> OTHER INFORMATION: Unknown base
 162 <400> SEQUENCE: 6
 163 gcagttctgg aactacctgg agcgtgccg ctactgcaac gtcctctgcg 50
 164 gggagcgtga ggaggaggca cgggcttgcc acgccacca caaccgtgcc 100
 165 tgccgctgcc gcaccggctt cttgcgcac gctggtttct gcttggagca 150
 W--> 166 cgcacgtgt ccacctggtg cggcgtgat tccccgggc accccagcc 200
 167 a 201
 168 <210> SEQ ID NO 7
 169 <211> LENGTH: 277
 170 <212> TYPE: DNA
 171 <213> ORGANISM: Unknown
 172 <220> FEATURE:
 173 <221> NAME/KEY: Unsure
 174 <222> LOCATION: 1-277
 175 <223> OTHER INFORMATION: Organism - Unknown
 176 <220> FEATURE:
 177 <221> NAME/KEY: Unsure
 178 <222> LOCATION: 142
 179 <223> OTHER INFORMATION: Unknown base
 180 <400> SEQUENCE: 7
 181 gaggggcccc caggagtgtt ggccggaggt gtggcagggg tcaggttgct 50
 182 ggtcccagcc ttgcaccctg agctaggaca ccagttcccc tgaccctgtt 100
 W--> 183 cttcctcct ggtgcaggc accccagcc agaacacgca gnccagccgt 150
 184 gccccccagg caccttctca gccagcagct ccagctcaga gcagtgccag 200
 185 cccaccgca actgcacggc cctgggcctg gccctcaatg tgccaggctc 250
 186 ttctcccat gacaccctgt gcaccag 277
 187 <210> SEQ ID NO 8
 188 <211> LENGTH: 199
 189 <212> TYPE: DNA
 190 <213> ORGANISM: Unknown
 191 <220> FEATURE:
 192 <221> NAME/KEY: Unsure
 193 <222> LOCATION: 1-199
 194 <223> OTHER INFORMATION: Organism - Unknown

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RAW SEQUENCE LISTING
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Input Set: I157289D.RAW

195 <400> SEQUENCE: 8
 196 gcatcgtgtc cacctggtgc cggcgtgatt gccccgggca cccccagcca 50
 197 gaacacgcag gcctagccgt gccccccagg caccttctca gccagcagct 100
 198 ccagctcaga gcagtgccag ccccaccgca actgcacggc cctgggcctg 150
 199 gccctcaatg tgccaggctc ttctctccat gacacctgt gcaccagct 199
 200 <210> SEQ ID NO 9
 201 <211> LENGTH: 226
 202 <212> TYPE: DNA
 203 <213> ORGANISM: Unknown
 204 <220> FEATURE:
 205 <221> NAME/KEY: Unsure
 206 <222> LOCATION: 1-226
 207 <223> OTHER INFORMATION: Organism - Unknown
 208 <220> FEATURE:
 209 <221> NAME/KEY: Unsure
 210 <222> LOCATION: 4, 9, 12, 165
 211 <223> OTHER INFORMATION: Unknown base
 212 <400> SEQUENCE: 9
 213 agcngtgenc cncaggcacc ttctcagcca gcagttccag ctcagagcag 50
 214 tgccagcccc accgcaactg cacggccctg ggccctggccc tcaatgtgcc 100
 215 aggctcttcc tcccatgaca cgtgtgtcac cagctgcact ggcttcccc 150
 216 tcagcaccag ggtancagga gctgaggagt gtgagcgtgc cgtcatcgac 200
 217 tttgtggctt tccaggacat ctccat 226
 218 <210> SEQ ID NO 10
 219 <211> LENGTH: 283
 220 <212> TYPE: DNA
 221 <213> ORGANISM: Homo sapiens
 222 <220> FEATURE:
 223 <221> NAME/KEY: Unsure
 224 <222> LOCATION: 1-283
 225 <223> OTHER INFORMATION: Organism - Unknown
 226 <220> FEATURE:
 227 <221> NAME/KEY: Unsure
 228 <222> LOCATION: 27, 64, 140
 229 <223> OTHER INFORMATION: Unknown base
 230 <400> SEQUENCE: 10
 231 cttgtccacc tgggtgccgc gtgattnccc gggcaccccc agccagaaca 50
 232 cgcagtgccca gccntcccc caggcacctt ctcagccagc agctccagct 100
 233 cagagcagtg ccagcccccac cgcaactgca acgccctggc ctggccctca 150
 234 atgtgccagg ctcttctctc catgacaccc tgtgcaccag ctgcactggc 200
 235 ttccccctca gcaccagggt accaggagct gaggagtgtg agcgtgccgt 250
 236 catcgacttt gtggctttcc aggacatctc cat 283
 237 <210> SEQ ID NO 11
 238 <211> LENGTH: 21
 239 <212> TYPE: DNA
 240 <213> ORGANISM: Unknown
 241 <220> FEATURE:
 242 <221> NAME/KEY: Unsure
 243 <222> LOCATION: 1-21
 244 <223> OTHER INFORMATION: Organism - Unknown

W-->
OK
W-->
W-->

W-->
W-->
W-->

Input Set: I157289D.RAW

Line	? Error/Warning	Original Text
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111	W "N" or "Xaa" used: Feature required	cagttctgga antaactgga gcncctgccgc tactgnaa
144	W "N" or "Xaa" used: Feature required	gccgagacag ccccacgacg tgtggcccggt gtccaccg
145	W "N" or "Xaa" used: Feature required	cagttctgga antaactgga gcncctgccgc tactgnaa
146	W "N" or "Xaa" used: Feature required	ggagcntgag gaggaggcan gngcttgcca cgccaccc
147	W "N" or "Xaa" used: Feature required	gcngctgcag caccggnttc ttcgcgcacg ctgntttc
148	W "N" or "Xaa" used: Feature required	gcatcgtgtc cacctggtgn cggcgtgatt gcncggg
166	W "N" or "Xaa" used: Feature required	cgcacgtgtt ccacctggtg ccggcgtgat tncgccg
183	W "N" or "Xaa" used: Feature required	cttccctcct ggctgcaggc acccccagcc agaacacg
213	W "N" or "Xaa" used: Feature required	agcngtgcnc cncaggcacc ttctcagcca gcagttcc
216	W "N" or "Xaa" used: Feature required	tcagcaccag ggtancagga gctgaggagt gtgagcgt
231	W "N" or "Xaa" used: Feature required	cttgtccacc tgggtgccggc gtgattnccc gggcacc
232	W "N" or "Xaa" used: Feature required	cgcagtgccca gccntcccc caggcacctt ctcagcca
233	W "N" or "Xaa" used: Feature required	cagagcagtg ccagccccac cgcaactgca acgcctg